

From: [Smalley, Bryant](#)
To: [Curry, Tim](#)
Subject: RE: TAGA Monitoring Activities - UPDATE and PROJECT to the End of Business Friday - 04/05/2019
Date: Tuesday, April 16, 2019 1:38:34 PM
Attachments: [image001.png](#)

Tim Thanks for the quick reply,

Bryant

From: Curry, Tim
Sent: Tuesday, April 16, 2019 1:37 PM
To: Smalley, Bryant <smalley.bryant@epa.gov>
Subject: RE: TAGA Monitoring Activities - UPDATE and PROJECT to the End of Business Friday - 04/05/2019

We have done 26 data acquisition missions and over 50 total flight hours.

From: Smalley, Bryant
Sent: Tuesday, April 16, 2019 1:28 PM
To: Mickunas, Dave <Mickunas.Dave@epa.gov>; Curry, Tim <Curry.Timothy@epa.gov>
Cc: Newhart, Gary <Newhart.Gary@epa.gov>; Petersen, Chris <petersen.chris@epa.gov>
Subject: RE: TAGA Monitoring Activities - UPDATE and PROJECT to the End of Business Friday - 04/05/2019

Dave/Tim – we have a briefing with the RA this afternoon and our Director asked for the updated info below. Do you have this readily available? If it is a day or two old, that's probably close enough.

- EPA deployed the Trace Atmospheric Gas Analyzer, or TAGA. The TAGA monitored the ambient air in the communities surrounding and downwind of the ITC facility, and as of today, covered over 2500 miles with more than 400,000 data points in the Houston area.
- During the fire, EPA also utilized the Airborne Spectral Photometric Environmental Collection Technology (ASPECT) aircraft for air sampling. ASPECT flew over 25 flights and over 44 hours throughout the area.

Bryant

From: Mickunas, Dave
Sent: Wednesday, April 3, 2019 3:48 PM
To: Smalley, Bryant <smalley.bryant@epa.gov>
Cc: Newhart, Gary <Newhart.Gary@epa.gov>; Petersen, Chris <petersen.chris@epa.gov>
Subject: TAGA Monitoring Activities - UPDATE and PROJECT to the End of Business Friday - 04/05/2019

Below is a brief summary. The daily air monitoring mainly concentrated on areas downwind of the Intercontinental Terminals Company's facility and Tucker Bayou. The coverage area monitored is oval shaped with the long length (running east and west) being approximately 20 miles and the shorter length being approximately 12 miles. The communities monitored include:

Deer Park

Pasadena

Meadowbrook/Allendale

Manchester

Harrisburg

Magnolia Park

Clinton Park Tri-Community

Galena Park

Jacinto City

Greens Bayou

Cloverleaf

Channelview

Highlands

Brownwood

Wooster

Baytown

La Porte

The monitoring is projected to log approximately 2700 miles with about 500,000 data points in the Houston area at the conclusion of Friday, 04/05/2019. If you have any questions or comments, please contact me.

Best regards,

David B. Mickunas

Trace Atmospheric Gas Analyzer (TAGA) Laboratories Coordinator

US EPA/Environmental Response Team

109 T.W. Alexander Drive

Mail Code E343-04

Research Triangle Park, NC 27711

919 541 4191 (office)

609 865 1574 (cellular)

